February 8, 2018

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 to Visu-Sewer, Inc., W230 N4855 Betker Drive, Pewaukee, WI 53072 for Concrete Sanitary Sewer Lining And Manhole Rehabilitation - 2017.

Contract No. 3985 2/23/2017 $1,060,104.00
$1,082,715.88 (Amended)

Item No	Bid Quantity	Completed Quantity	Description			Cost	Per Unit	Amount
1	1,960	1,959	Lin. Ft. of 36-Inch Sanitary Sewer Lining (CIPP)	@	$	175.00	Lin. Ft.	$342,825.00
2	2,565	2,565	Lin. Ft. of 27-Inch Sanitary Sewer Lining (CIPP)	@	$	105.00	Lin. Ft.	$269,325.00
3	1,774	1,774	Lin. Ft. of 21-Inch Sanitary Sewer Lining (CIPP)	@	$	85.50	Lin. Ft.	$151,677.00
4	**73**	**76**	**Lateral Reconnections**	**@**	**$**	**150.00**	**Each**	**$11,400.00**
5	73	60	Lateral Connection Test and Seal	@	$	150.00	Each	$9,000.00
6	1	1	Replace Cover	@	$	144.20	Each	$144.20
7	**20**	**23**	**Replace Chimney, Frame, and Cover**	**@**	**$**	**1,998.20**	**Each**	**$45,958.60**
8	26	3	Rehabilitate Manhole with Cementitious Liner (Approx. 305 Vert. Ft.)	@	$	1,197.00	Each	$3,591.00
9	3	3	Bench / Invert / Trough Work Minor	@	$	1,359.60	Each	$4,078.80
10	21	0	Install Chimney Seal	@	$	566.50	Each	$0.00
11	**1**	**1**	**Install Inside Pipe Drop (Approx. 7 Vert. Ft.)**	**@**	**$**	**2,472.00**	**Each**	**$2,472.00**
12	5	5	Asphalt Pavement Patching	@	$	1,030.00	Each	$5,150.00
13	**14,300**	**14,911**	**Sq. Ft. of 8-Inch Concrete Pavement Patching (3000 psi in 72 Hours)**	**@**	**$**	**8.24**	**Sq. Ft.**	**$122,866.64**
14	**2,600**	**2,957**	**Lin. Ft. of Concrete Sawing, 8-Inch in Depth**	**@**	**$**	**4.12**	**Lin. Ft.**	**$12,182.84**
15	**750**	**736**	**Drilled Tie Bars**	**@**	**$**	**5.15**	**Each**	**$3,790.40**
16	**800**	**757**	**Hot Mix Asphalt (HMA) Pavement Railroad Blend Area**	**@**	**$**	**58.71**	**Sq. Yd.**	**$44,443.47**
Extra #1		**1**	**Undercut Excavation, Backfill, and Compaction**	**@**	**$**	**4,186.80**	**Lump Sum**	**$4,186.80**
Extra #2		**1**	**CN Railroad Flagging (at 50%)**	**@**	**$**	**11,850.00**	**Lump Sum**	**$5,925.00**
			Total					$1,039,016.75
			Less Retainage					$26,502.60
			Total					$1,012,514.15
			Less Previosuly Paid					$982,675.90
			Total Amount Due					$29,838.25

This estimate has been checked by the Engineering Department and we recommend that the above amount of $29,838.25 be allowed.

Respectfully Submitted,

Fred V. Abadi, PhD., P.E.
Director of Public Works